

What Is Claimed Is:

1. An apparatus for determining inherent vehicle velocity, the apparatus comprising a pre-crash sensor suite (11, 20) that is configured to determine the inherent vehicle velocity,
wherein the pre-crash sensor suite (11, 20) is configured in such a way that when a predefined operating state exists, the pre-crash sensor suite (11, 20) determines the inherent velocity on the basis of a signal reflected from the ground.
2. The apparatus as defined in Claim 1,
wherein the pre-crash sensor suite has a radar sensor suite.
3. The apparatus as defined in Claim 1 or 2,
wherein the operating state is a locked or spinning or suspended wheel.
4. The apparatus as defined in any of the foregoing claims,
wherein the apparatus is configured in such a way that the apparatus compares the signals reflected from an object with the inherent vehicle velocity in such a way that the object is classified.